



SAFETY DATA SHEET

Sultraspot Color

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

1. Identification

Product identifier

Product name Sultraspot Color

Product number 7866/21474

Recommended use of the chemical and restrictions on use

Application Detergent.

Details of the supplier of the safety data sheet

Supplier Cole & Wilson, LLC
100 Laurel Street, Ste 120
East Bridgewater, MA 02375
Tel: +1 281 231 2805
Fax: + 1 617 687 5888
info.usa@christeyns.com

Manufacturer Cole & Wilson Ltd
Nabbs Lane Chemical Works
Nabbs Lane
Slaithwaite
Huddersfield
HD7 5AT
Tel: 01484 842353
info@coleandwilson.com

Emergency telephone number

Emergency telephone (DE) Giftnotruf Berlin +49 30 19240 (24h erreichbar)
(DE) Giftnotruf Berlin +49 (0)30 30686 790
(CH) STIZ, tel. 145
(CH) Centre suisse d'information toxicologique: +41.(0)1.251.51.51
(AT) Vergiftungsinformationszentrale: +43 1 40 400 2222
worldwide: <http://www.who.int/ipcs/poisons/centre/directory/en>
(FR) INRS 01 45 42 59 59
(FI) Myrkytystietokeskus +358 9 471 977
(BE) Belgisch Antigifcentrum/Centre Antipoisons Belge : +32 70 245 245
(ES) Teléfono Instituto Nacional de Toxicología: 915 620 420
(GB) NHS 111
(IT) Centro Antiveleni, Ospedale Niguarda Milano: +39 02 6610 1029

National emergency telephone number +1-800-424-9300 (Chemtrec)

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Sultraspot Color

Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318

Environmental hazards Not Classified

Label elements

Pictogram



Signal word Danger

Hazard statements H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352 If on skin: Wash with plenty of water.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Contains C9-11 ALCOHOL ETHOXYLATE (6.5 EO)

3. Composition/information on ingredients

Mixtures

| | |
|--|--------------|
| DODECYLBENZENE SULPHONIC ACID - ISOPROPYLAMINE SALT | 5-15% |
| CAS number: 84961-74-0 | |

Classification

Skin Irrit. 2 - H315
Eye Irrit. 2A - H319

| | |
|-----------------------------------|--------------|
| 2-(2-butoxyethoxy) ethanol | 5-15% |
| CAS number: 112-34-5 | |

Classification

Eye Irrit. 2A - H319

| | |
|--|--------------|
| C9-11 ALCOHOL ETHOXYLATE (6.5 EO) | 5-15% |
| CAS number: 68439-46-3 | |

Classification

Acute Tox. 4 - H302
Eye Dam. 1 - H318

| | |
|---|--------------|
| 2-HYDROXY-1,2,3-PROPANETRICARBOXYLICACID | 5-15% |
| CAS number: 77-92-9 | |

Classification

Eye Irrit. 2A - H319

Sultraspot Color

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|-----------------------|-------------|
| PROPAN-2-OL | 1-5% |
| CAS number: 67-63-0 | |
| Classification | |
| Flam. Liq. 2 - H225 | |
| Eye Irrit. 2A - H319 | |
| STOT SE 3 - H336 | |

The full text for all hazard statements is displayed in Section 16.

4. First-aid measures

Description of first aid measures

| | |
|---------------------|---|
| Inhalation | Unlikely route of exposure as the product does not contain volatile substances. |
| Ingestion | Never give anything by mouth to an unconscious person. Do not induce vomiting. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately. |
| Skin Contact | Remove contaminated clothing. Rinse immediately with plenty of water. Get medical attention promptly if symptoms occur after washing. |
| Eye contact | Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse. |

Most important symptoms and effects, both acute and delayed

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|---------------------|---|
| Inhalation | This is unlikely to occur but symptoms similar to those of ingestion may develop. |
| Ingestion | May cause stomach pain or vomiting. |
| Skin contact | Skin irritation. |
| Eye contact | Severe irritation, burning and tearing. |

Indication of immediate medical attention and special treatment needed

| | |
|-----------------------------|---|
| Notes for the doctor | Treat symptomatically. If in doubt, get medical attention promptly. |
|-----------------------------|---|

5. Fire-fighting measures

Extinguishing media

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| Suitable extinguishing media | Use fire-extinguishing media suitable for the surrounding fire. |
|-------------------------------------|---|

Special hazards arising from the substance or mixture

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|--------------------------------------|--|
| Specific hazards | Thermal decomposition or combustion products may include the following substances: Oxides of the following substances: Carbon. Nitrogen. Sulfur. |
| Hazardous combustion products | Thermal decomposition or combustion products may include the following substances: Oxides of the following substances: Carbon. Nitrogen. Sulfur. |

Advice for firefighters

| | |
|--|---|
| Protective actions during firefighting | If risk of water pollution occurs, notify appropriate authorities. Control run-off water by containing and keeping it out of sewers and watercourses. |
| Special protective equipment for firefighters | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. |

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Sultraspot Color

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|--|---|
| Personal precautions | Wear protective clothing as described in Section 8 of this safety data sheet. |
| <u>Environmental precautions</u> | |
| Environmental precautions | Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. |
| <u>Methods and material for containment and cleaning up</u> | |
| Methods for cleaning up | Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. |
| Reference to other sections | Wear protective clothing as described in Section 8 of this safety data sheet. Collect and dispose of spillage as indicated in Section 13. |

7. Handling and storage

Precautions for safe handling

Usage precautions Avoid spilling. Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapors, spray or mist. Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage precautions Avoid freezing. Keep container tightly closed.

Storage class Chemical storage.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

8. Exposure Controls/personal protection

Control parameters

Occupational exposure limits

2-(2-butoxyethoxy) ethanol

Long-term exposure limit (8-hour TWA): ACGIH 10 ppm 67.5 mg/m³ inhalable fraction and vapor

PROPAN-2-OL

Long-term exposure limit (8-hour TWA): OSHA 400 ppm 980 mg/m³

Long-term exposure limit (8-hour TWA): ACGIH 200 ppm 492 mg/m³

Short-term exposure limit (15-minute): ACGIH 400 ppm 984 mg/m³

A4

ACGIH = American Conference of Governmental Industrial Hygienists.

OSHA = Occupational Safety and Health Administration.

A4 = Not Classifiable as a Human Carcinogen.

Exposure controls

Protective equipment



Appropriate engineering controls No specific ventilation requirements.

Eye/face protection The following protection should be worn: Chemical splash goggles.

Hand protection Wear protective gloves made of the following material: Neoprene. Nitrile rubber. Polyethylene. Polyvinyl chloride (PVC).

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|---------------------------------------|---|
| Other skin and body protection | Wear appropriate clothing to prevent any possibility of skin contact. |
| Hygiene measures | Do not eat, drink or smoke when using this product. |
| Respiratory protection | No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. |

9. Physical and Chemical Properties

Information on basic physical and chemical properties

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|--|---|
| Appearance | Liquid. |
| Color | Yellowish. |
| Odor | Acidic. |
| Initial boiling point and range | >100°C @ 760 mm Hg |
| Relative density | 1.03 @ 15°C |
| Solubility(ies) | Soluble in water. Dispersible in Chlorinated Hydrocarbons |
| Other information | Not determined. |

10. Stability and reactivity

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| Reactivity | The following materials may react with the product: Alkalis. Oxidizing agents. Reducing agents. |
| Stability | No particular stability concerns. |
| Possibility of hazardous reactions | No potentially hazardous reactions known. |
| Conditions to avoid | Avoid freezing. |
| Materials to avoid | Alkalis. Oxidizing agents. Reducing agents. |
| Hazardous decomposition products | Heating may generate the following products: Oxides of the following substances: Carbon. Nitrogen. Sulfur. |

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

ATE oral (mg/kg) 3,762.5

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation

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| | |
|--|---|
| Serious eye damage/irritation | Causes serious eye damage. |
| <u>Respiratory sensitization</u> | |
| Respiratory sensitization | Based on available data the classification criteria are not met. |
| <u>Skin sensitization</u> | |
| Skin sensitization | Based on available data the classification criteria are not met. |
| <u>Germ cell mutagenicity</u> | |
| Genotoxicity - in vitro | Based on available data the classification criteria are not met. |
| Genotoxicity - in vivo | Based on available data the classification criteria are not met. |
| <u>Carcinogenicity</u> | |
| Carcinogenicity | Based on available data the classification criteria are not met. |
| <u>Reproductive toxicity</u> | |
| Reproductive toxicity - fertility | Based on available data the classification criteria are not met. |
| Reproductive toxicity - development | Does not contain any substances known to be toxic to reproduction. |
| <u>Specific target organ toxicity - single exposure</u> | |
| STOT - single exposure | Based on available data the classification criteria are not met. |
| <u>Specific target organ toxicity - repeated exposure</u> | |
| STOT - repeated exposure | Based on available data the classification criteria are not met. |
| <u>Aspiration hazard</u> | |
| Aspiration hazard | Not anticipated to present an aspiration hazard, based on chemical structure. |
| <u>Inhalation</u> | |
| Inhalation | This is unlikely to occur but symptoms similar to those of ingestion may develop. |
| <u>Ingestion</u> | |
| Ingestion | Ingestion may cause severe irritation of the mouth, the esophagus and the gastrointestinal tract. |
| <u>Skin Contact</u> | |
| Skin Contact | Irritating to skin. |
| <u>Eye contact</u> | |
| Eye contact | Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain. |
| Acute and chronic health hazards | Repeated exposure may cause chronic eye irritation. Mild dermatitis, allergic skin rash. |

Toxicological information on ingredients.

DODECYLBENZENE SULPHONIC ACID - ISOPROPYLAMINE SALT

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 2,001.0

Species Rat

ATE oral (mg/kg) 2,001.0

C9-11 ALCOHOL ETHOXYLATE (6.5 EO)

Acute toxicity - oral

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Acute toxicity oral (LD₅₀
mg/kg) 301.0

Species Rat

ATE oral (mg/kg) 301.0

2-HYDROXY-1,2,3-PROPANETRICARBOXYLICACID

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 5,001.0

Species Rat

ATE oral (mg/kg) 5,001.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 2,001.0

Species Rat

ATE dermal (mg/kg) 2,001.0

PROPAN-2-OL

Acute toxicity - inhalation

Acute toxicity inhalation
(LC₅₀ vapours mg/l) 26.0

ATE inhalation (vapours
mg/l) 26.0

Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

12. Ecological Information

Ecotoxicity Low acute toxicity to aquatic organisms.

Toxicity Not considered toxic to fish.

Ecological information on ingredients.

2-(2-butoxyethoxy) ethanol

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 1300 mg/l, Lepomis macrochirus (Bluegill)

Acute toxicity - aquatic
invertebrates EC₅₀, 48 hours: >100 mg/l, Daphnia magna

Acute toxicity - aquatic
plants EC₅₀, 96 hours: >100 mg/l, Scenedesmus subspicatus

C9-11 ALCOHOL ETHOXYLATE (6.5 EO)

Acute aquatic toxicity

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Acute toxicity - fish LC₅₀, 96 hours: 1-10 mg/l, Fish

2-HYDROXY-1,2,3-PROPANETRICARBOXYLICACID

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 48 hours: 440 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EC₅₀, 24 hours: 1535 mg/l, Daphnia magna

Acute toxicity - aquatic plants NOEC, 8 days: 425 mg/l,

PROPAN-2-OL

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates LC₅₀, 24 hours: 9714 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: >100 mg/l, Scenedesmus subspicatus

Acute toxicity - microorganisms EC₅₀, : >100 mg/l, Bacteria

Persistence and degradability

Persistence and degradability Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

Mobility in soil

Mobility The product is non-volatile.

Other adverse effects

Other adverse effects None known.

13. Disposal considerations

Waste treatment methods

Disposal methods Dispose of contents/container in accordance with local regulations.

EURAL Code

14. Transport information

UN Number

Not applicable.

UN proper shipping name

Not applicable.

Transport hazard class(es)

Sultraspot Color

Transport labels

No transport warning sign required.

Packing group

Not applicable.

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

Not listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

Not listed.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

Not listed.

SARA 313 Emission Reporting

The following ingredients are listed:

2-(2-butoxyethoxy) ethanol

CAA Accidental Release Prevention

Not listed.

FDA - Essential Chemical

Not listed.

FDA - Precursor Chemical

Not listed.

SARA (311/312) Hazard Categories

None

OSHA Highly Hazardous Chemicals

Not listed.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

Not listed.

California Air Toxics "Hot Spots" (A-I)

The following ingredients are listed:

2-(2-butoxyethoxy) ethanol

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California Air Toxics "Hot Spots" (A-II)

Not listed.

California Directors List of Hazardous Substances

The following ingredients are listed:

PROPAN-2-OL

Massachusetts "Right To Know" List

The following ingredients are listed:

PROPAN-2-OL

Rhode Island "Right To Know" List

The following ingredients are listed:

PROPAN-2-OL

Minnesota "Right To Know" List

The following ingredients are listed:

PROPAN-2-OL

New Jersey "Right To Know" List

The following ingredients are listed:

PROPAN-2-OL

Pennsylvania "Right To Know" List

The following ingredients are listed:

PROPAN-2-OL

Inventories

US - TSCA

The following ingredients are listed:

2-(2-butoxyethoxy) ethanol

C9-11 ALCOHOL ETHOXYLATE (6.5 EO)

2-HYDROXY-1,2,3-PROPANETRICARBOXYLICACID

PROPAN-2-OL

16. Other information

| | |
|----------------------------------|--|
| Revision comments | Updated to include US Jurisdiction |
| Revision date | 4/3/2018 |
| Revision | 2 |
| Supersedes date | 4/28/2015 |
| SDS No. | 7866/12300 |
| Hazard statements in full | H225 Highly flammable liquid and vapor. H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. |

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